

## EAST Search History

| Ref # | Hits | Search Query  | DBs   | Default Operator | Plurals | Time Stamp       |
|-------|------|---|---|------------------|---------|------------------|
| S1    | 623  | 345/84.ccls.  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2006/09/13 19:05 |
| S2    | 472  | S1 and @ad<"20020709"                                 | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2006/09/15 16:36 |
| S3    | 3    | S2 and (current and driv\$4 and pulse and width).clm. | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2006/09/15 16:37 |
| S4    | 3793 | 345/76-84.ccls.                                       | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2006/09/14 18:37 |
| S5    | 2263 | S4 and @ad<"20020709"                                 | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2006/09/13 19:05 |
| S6    | 37   | S5 and (current and driv\$4 and pulse and width).clm. | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2006/09/13 19:06 |
| S7    | 0    | S5 and current with mirror with pulse with width      | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2006/09/14 18:38 |
| S8    | 0    | S5 and (current with mirror with pulse with width)    | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2006/09/13 19:11 |
| S9    | 0    | S5 and (current with mirror with pulse with width\$1) | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2006/09/13 19:08 |

## EAST Search History

|     |      |  |   |    |    |                  |
|-----|------|--|---|----|----|------------------|
| S10 | 14   | S5 and (mirror with pulse with width\$1) | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/09/13 19:08 |
| S11 | 7    | S5 and (current with mirror with width)  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/09/13 19:11 |
| S12 | 3800 | 345/76-84.ccls.                          | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/09/14 19:17 |
| S13 | 2263 | S12 and @ad<"20020709"                   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/09/14 19:18 |
| S14 | 3800 | 345/76-84.ccls.                          | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/09/14 18:38 |
| S15 | 2263 | S14 and @ad<"20020709"                   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/09/14 18:38 |
| S16 | 97   | S15 and current with pulse with width    | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/09/14 19:18 |
| S17 | 3311 | 315/169.1-169.3.ccls.                    | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/09/15 16:36 |
| S18 | 1947 | S17 and @ad<"20020709"                   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/09/14 19:18 |
| S19 | 90   | S18 and current with pulse with width    | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/09/14 19:18 |

## EAST Search History

|     |          |   |   |    |     |                  |
|-----|----------|---|---|----|-----|------------------|
| S20 | 3311     | 315/169.1-169.3.ccls.                                     | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2006/09/15 16:36 |
| S21 | 15019370 | "2" and @ad<"20020709"                                    | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2006/09/15 16:36 |
| S22 | 1947     | S20 and @ad<"20020709"                                    | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2006/09/15 16:36 |
| S23 | 623      | 345/84.ccls.  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2006/09/15 16:37 |
| S24 | 472      | S23 and @ad<"20020709"                                    | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2006/09/15 17:59 |
| S25 | 2        | S24 and (current adj1 driv\$4) with width with modulat\$5 | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2006/09/15 16:38 |
| S26 | 3        | S22 and (current adj1 driv\$4) with width with modulat\$5 | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2006/09/15 16:39 |
| S27 | 36       | S22 and current with width with modulat\$5                | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2006/09/15 18:46 |
| S28 | 0        | S22 and current with width with precharg\$4               | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2006/09/15 16:40 |
| S29 | 2        | ("6323631").PN.   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/09/15 18:00 |

## EAST Search History

|     |       |   |   |    |     |                  |
|-----|-------|---|---|----|-----|------------------|
| S30 | 3     | ("5473270"   "5886566"   "6043525").PN.                                     | US-PGPUB;<br>USPAT;<br>USOCR                            | OR | ON  | 2006/09/15 18:02 |
| S31 | 3     | ("6323631").URPN.   | USPAT   | OR | ON  | 2006/09/15 18:06 |
| S32 | 6     | ("5608339"   "5723950"   "5793163"   "6246384"   "6323631"   "6369786").PN. | US-PGPUB;<br>USPAT;<br>USOCR                            | OR | ON  | 2006/09/15 18:08 |
| S33 | 3     | ("5473270"   "5886566"   "6043525").PN.                                     | US-PGPUB;<br>USPAT;<br>USOCR                            | OR | ON  | 2006/09/15 18:18 |
| S34 | 3     | ("5473270"   "5886566"   "6043525").PN.                                     | US-PGPUB;<br>USPAT;<br>USOCR                            | OR | ON  | 2006/09/15 18:18 |
| S35 | 2     | ("6369786").PN.   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/09/15 18:47 |
| S36 | 2     | ("6473064").PN.   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/09/15 18:48 |
| S37 | 2     | ("6587087").PN.   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/09/15 18:51 |
| S38 | 35623 | Hattori.IN.   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2006/09/15 18:51 |
| S39 | 23    | S38 and reiji   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2006/09/15 18:51 |